

CLAIMS

It is claimed:

1. A process for manufacturing a liquid crystal panel wherein liquid crystal is filled between a pair of substrates, comprising the following steps:

marking a specified figure on one of the substrates;

detecting the specified figure on one such substrate, applying sealing material according to a predetermined pattern, and providing a liquid crystal encapsulation opening in the vicinity of marking;

joining one substrate with the other substrate as to be paired together;

cutting the joined substrates to obtain the pair of substrates;

injecting liquid crystal material through the liquid crystal encapsulation opening of the pair of substrates thus obtained; and

closing the liquid crystal encapsulation opening.

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2. The process for manufacturing a liquid crystal panel according to claim 1, wherein the specified figure consists of a line that extends in parallel with one edge of the liquid crystal encapsulation opening.

3. The process for manufacturing a liquid crystal panel according to claim 1, wherein the specified figure consists of two lines that extend in parallel with one edge of the liquid crystal encapsulation opening, and are arranged between both ends of the sealing material.

4. A process for manufacturing a liquid crystal panel wherein liquid crystal is filled between a pair of substrates, comprising the following steps:

marking a specified figure on one of the substrates;

applying a sealing material on one such substrate according to a predetermined pattern specified for each of the pair of substrates, and providing a liquid crystal encapsulation opening;

joining one substrate with the other substrate as to be paired together;

cutting the joined substrates to obtain the pair of substrates;

detecting the positions of the specified figure and the liquid crystal encapsulation opening, and selecting the pair of substrates having one end of the sealing material within a predetermined range;

injecting liquid crystal material through the liquid crystal encapsulation opening of the pair of substrates thus obtained; and

closing the liquid crystal encapsulation opening.

5. The process for manufacturing a liquid crystal panel according to claim 4, wherein the specified figure consists of a line that extends in parallel with one edge of the liquid crystal encapsulation opening.
6. The process for manufacturing a liquid crystal panel according to claim 4, wherein the specified figure consists of two lines that extend in parallel with one edge of the liquid crystal encapsulation opening, and are arranged between both ends of the sealing material.
7. A liquid crystal panel comprising: a specified figure that is formed on one side of one substrate; sealing material that is applied to provide a liquid crystal encapsulation opening in the vicinity of the specified figure; a second substrate whose side is joined to the first substrate by means of the sealing material; liquid crystal material that is encapsulated between the pair of substrates; and a closing member for closing the liquid crystal encapsulation opening.
8. The liquid crystal panel according to claim 7, wherein the specified figure consists of a line that extends in parallel with one edge of the liquid crystal encapsulation opening.
9. The liquid crystal panel according to claim 7, wherein the specified figure consists of two lines that extend in parallel with one edge of the liquid crystal encapsulation opening, and are arranged between both ends of the sealing material.